

corresponding to each of the at least one second changed target interval, and determine a maximum quality metric of each biosignal based on a quality metric corresponding to the selected target interval and each of the at least one second changed target interval.

16. The apparatus of claim **11**, wherein the determiner is further configured to define a magnitude of a signal corresponding to a non-target component of the determined target biosignal to be a preset value.

17. The apparatus of claim **16**, wherein the determiner is further configured to obtain period information of the determined target biosignal.

18. The apparatus of claim **11**, wherein the quality metric definer is further configured to convert the target interval to a frequency domain signal, and define a frequency component that is an integral multiple of the set value among frequency components of the frequency domain signal to be the target component.

19. The apparatus of claim **11**, wherein the quality metric definer is further configured to extract from the target interval a first number of signals corresponding to the target component, and extract from the target interval a second number of signals corresponding to the non-target component; and

the second number is defined based on the first number and the set value.

20. The apparatus of claim **19**, wherein the quality metric definer is further configured to define the quality metric using an electric power of the extracted first number of signals and an electric power of the extracted second number of signals.

21. A biosignal processing method comprising:

receiving a biosignal;

setting a target interval of the biosignal;

calculating a quality metric corresponding to the target interval based on a target component that is a frequency component of the target interval corresponding to a set value and a non-target component that is a frequency component of the target interval not corresponding to the set value; and

estimating a quality of the biosignal based on the quality metric.

22. A biosignal processing method comprising:

defining a quality metric corresponding to a target interval based on a target component and a non-target component of the target interval of each biosignal of a plurality of biosignals;

estimating respective qualities of the biosignals based on the quality metric; and

determining a target biosignal to be monitored among the biosignals based on the qualities of the biosignals; wherein the target component is a frequency component of the target interval corresponding to a set value, and

the non-target component is a frequency component of the target interval not corresponding to the set value.

23. A biosignal processing method comprising:

receiving a biosignal;

setting a plurality of target intervals of the biosignal;

calculating quality metrics respectively corresponding to the target intervals;

determine a maximum quality metric among the quality metrics; and

determine the target interval corresponding to the maximum quality metric to be a biosignal to be monitored.

24. The method of claim **23**, wherein the setting of the plurality of target intervals of the biosignal comprises:

setting a first target interval;

changing the first target interval by a first step size at least once to obtain at least one first changed target interval;

selecting one of the first target interval and the at least one first changed target interval having a maximum quality metric among quality metrics calculated for the first target interval and each of the at least one first changed target interval;

changing the selected target interval at least once by a second step size smaller than the first step size to obtain at least one second changed target interval.

25. The method of claim **24**, wherein the determining of a maximum quality metric among the quality metrics comprises determining a maximum quality metric among quality metrics calculated for the selected target interval and each of the at least one second changed target interval to be the maximum quality metric among the quality metrics.

26. The method of claim **23**, wherein the calculating of the quality metrics comprises calculating each of the quality metrics based on at least one target component of a corresponding one of the target intervals and at least one non-target component of the corresponding one of the target intervals.

27. The method of claim **26**, wherein each of the at least one target component is a frequency component corresponding to an integral multiple of a set value; and

each of the at least one non-target component is a frequency component not corresponding to an integral multiple of the set value.

28. The method of claim **27**, wherein the set value is an integer $R \geq 2$;

a number of the at least one target component is an integer $M \geq 1$; and

a number of the at least one non-target component is $M \cdot (R - 1)$.

29. The method of claim **28**, wherein the biosignal is constituted by R repetitions of a basic waveform of the biosignal.

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